07-05-05-JC04 Rec'd PCT/PTO 05 JUL 2005 1045,41687

Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)

: C21-074US

attorney's Docket No.

Prepared from FORM PTO-1390

### S. Application No. : Not Yet Assigned : Merewith ####################################	1.2004)
Priority Dates Claimed : 13 January 2003 (13.03) Title of Invention : METHOD OF TREATING COO SLEEP DEPRIVATION AND Applicants for (DO/EO/US) : DEADWYLER, Sam A.; HAN	GNITIVE DECLINE DUE TO
-	ary A. and LYNCH, Gary S.
Applicant herewith submits to the United States Designated/the following items and other information:	Elected Office (DO/EO/US)
1. X This is a FIRST submission of items concerning a fill 2. This is a SECOND or SUBSEQUENT submission of items of 35 U.S.C. 371.	ing under 35 U.S.C. 371. concerning a filing under
3 This express request to begin national examination pat any time rather than delay examination until the time limit set forth in 35 U.S.C. 371(b) and PCT Art	expiration of the applicable
4. X A proper Demand for International Preliminary Examin month from the earliest claimed priority date. 5. X A copy of the International Application as filed [35]	U.S.C. 371(c)(2)]
 a) is transmitted herewith (required only international Bureau); b) X has been transmitted by the International is not required, as the application was 	l Bureau;
Receiving Office (RO/US). 6 A translation of the International Application into 7 Amendments to the claims of the International Appli [35 U.S.C.371(c)(3)]	English [35 U.S.C.371(c)(2)]. cation under PCT Article 19/34
 a) are transmitted herewith (required only International Bureau); b) have been transmitted by the Internation a part of the specification as filed; 	
c) have not been made; however, the time li	
8 A translation of the amendments to the claims under [35 U.S.C.371(c)(3)].	PCT Article 19
9 An oath or declaration of the inventor(s) [35 U.S.C. 10 A translation of the annexes to the International F Report under PCT Article 36 [35 U.S.C.371(c)(5)].	:.371(c)(4)]. Preliminary Examination
EXPRESS MAIL No.: EV 332306886 US I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.10 on the date indicated above and is addressed to: "Commissioner P.O. Box 1450, Alexandria, VA 22313-1450."	osited: July 1, 2005 vice "Express Mail Post Office to Addressee" for Patents, M. S. Patent Application,
Harold Hull	July 1, 2005
Harold Hull	Date

U.S. Application No. (if known, see 37 C.F.R. 1.50): International Application No.: PCT/US2004/000706

Page 2 of 3 Attorney's Docket No: HDC C21-074

Items 11. to 16. below concern other document(s) or information included: 5 JUL 2005

- 11. ___ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. An Assignment document for recording. (A separate Cover Sheet in compliance with 37 CFR 3.28 and 3.31 is included.)
- 13. X A FIRST preliminary amendment.
 - A SECOND or SUBSEQUENT preliminary amendment.
- 14. A substitute specification.
 15. A change of power of attorn
- A change of power of attorney and/or address letter.
- 16. X (other items or information) Application Data Sheet, Published Int'l Application No. WO 2004/062616 A2, Forms: PCT/IB/301, PCT/IB/304 and PCT/IB/308.

### BASIC NATIONAL FEE [37 CFR 1.492(a) (1)-(5)]: Search Report has been prepared by the EPO or JPO \$ 920.00 X	17. X The following fees are submitted:		
BASIC NATIONAL FEE [37 CFR 1.492(a) (1)-(5)]: Search Report has been prepared by the EPO or JPO \$ 920.00 X International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee [37 CFR 1.482] nor International search fee [37 CFR 1.482] nor International search fee [37 CFR 1.482] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. (Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00		CALCU-	PTO USE
X International preliminary examination fee paid to USPTO [37 CFR 1.482] \$ 800.00 \$800.00 No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28]	BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:	1	
X International preliminary examination fee paid to USPTO [37 CFR 1.482] \$ 800.00 \$800.00 No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)]			
No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims	Search Report has been prepared by the Bro of the \$\frac{1}{2}\$		
No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims	V Intermediated musliminary examination for maid		
No International preliminary examination fee paid to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482) nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ 130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = \$1800.00 Multiple Dependent Claim(s) (if applicable) + \$ 360. = \$360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] SUBTOTAL = \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover \$ sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL PEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED] \$		l	
to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] SUBTOTAL = \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property	to USPTO [37 CFR 1.482] \$ 800.00	\$800.00	
to USPTO [37 CFR 1.482] but International search fee paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00 Neither International preliminary examination fee [37 CFR 1.482] nor International search fee [37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2)] paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] SUBTOTAL = \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property			
Neither International preliminary examination fee 37 CFR 1.482 nor International search fee 37 CFR 1.482 nor International search fee 37 CFR 1.445(a)(2) paid to USPTO \$ 1080.00			
Neither International preliminary examination fee [37 CFR 1.482) nor International search fee [37 CFR 1.445(a)(2]) paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED] \$			
[37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2]) paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date 37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED] \$	paid to USPTO [37 CFR 1.445(a)(2)] \$ 770.00		
[37 CFR 1.482] nor International search fee [37 CFR 1.445(a)(2]) paid to USPTO \$ 1080.00 International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$ \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date 37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED] \$			
International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00			
International preliminary examination fee paid to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$	[37 CFR 1.482] nor International search fee [37 CFR	į	
to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED \$	1.445(a)(2]) paid to USPTO \$ 1080.00	İ	
to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED \$	· · · · · · · · · · · · · · · · · · ·	1	
to USPTO [37 CFR 1.482] and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28]	International preliminary examination fee paid		
ENTER APPROPRIATE BASIC FEE AMOUNT \$800.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 [AMOUNT TO BE REFUNDED \$			
Surcharge of \$130.00 for furnishing the oath or declaration later than20 / x 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$200 = Multiple Dependent Claim(s) (if applicable) + \$360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] SUBTOTAL = \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 / _30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$			
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 / X 30 months from the earliest claimed date [37 CFR 1.492(e)] \$130.00 Claims Number Number Rate filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28]	provide the state of the state		
Surcharge of \$130.00 for furnishing the oath or declaration later than20 / X 30 months from the earliest claimed	ENTER APPROPRIATE BASIC FEE AMOUNT	\$800.00	
later than20 / _X_30 months from the earliest claimed date [37 CFR 1.492(e)]			
later than20 / _X_30 months from the earliest claimed date [37 CFR 1.492(e)]	Surcharge of \$130 00 for furnishing the path or declaration		
Claims Number Number Rate filed extra	later than 20 / Y 30 months from the earliest claimed		
Claims Number filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by ½ for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date 37 CFR 1.492(f)) Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$	date [27 CPD 1 492/A]]	\$130.00	
filed extra Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 = \$360.00 Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than 20 / 30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$		7130.00	
Total Claims 56 -20 = 36 x \$ 50. = \$1800.00 Indep. Claims 2 - 3 = 0 x \$ 200 =			
Indep. Claims Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$		21000 00	
Multiple Dependent Claim(s) (if applicable) + \$ 360. = 360.00 TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$		12100.00	
TOTAL OF ABOVE CALCULATIONS = \$2990.00 Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$	Indep. Claims $2 - 3 = 0 \times $200 =$		
Reduction by % for filing by small entity, if applicable. Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$	Multiple Dependent Claim(s) (if applicable) + \$ 360. =		
Verified Small Entity Statement must be filed, if required. [Note 37 CFR 1.9, 1.27, 1.28] Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$		\$2990.00	
[Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$	Reduction by ½ for filing by small entity, if applicable.		
[Note 37 CFR 1.9, 1.27, 1.28] - \$1495.00 Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$	Verified Small Entity Statement must be filed, if required.		
Processing fee of \$130.00 for furnishing the English Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$		\$1495.00	
Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$		\$1495.00	
Translation later than20 /30 months from the earliest claimed priority date [37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$			
earliest claimed priority date 37 CFR 1.492(f)] + \$ TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE)			
TOTAL NATIONAL FEE = \$1495.00 Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE)	earliest claimed priority date [37 CFR 1.492(f)]	ls l	
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED)\$	TOTAL NATIONAL FEE =	\$1495.00	*
The assignment must be accompanied by an appropriate cover sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED) \$, = : : · · ·	
sheet [37 CFR 3.28, 3.31]. \$40.00 per property + \$ TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$			
TOTAL FEE (ENCLOSED) = \$1495.00 (AMOUNT TO BE REFUNDED \$		اد	
(AMOUNT TO BE REFUNDED \$	Sheet [37 CFR 3.28, 3.31]. \$40.00 per property +	61495 00	
			Ċ
REFUNDED OR CHARGED CHARGED S	,		
	REFUNDED OR CHARGED)	CUARGED	٧ا

U.S. Application No. (if known, see 37 C.F.R. 1.50): International Application No.: PCT/US04/00706 10/541687 JC14 Rec'd PCT/PTO 05 JUL 2005

- a) X A check in the amount of \$1495.00 to cover the above fees is enclosed.
- b) Please charge my Deposit Account No. 04-0838 in the amount of \$
 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c) \underline{X} The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0838. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Henry D. Coleman

Coleman Sudol Sapone, P.C.

714 Colorado Avenue

Bridgeport, CT 06605-16

Tel. (203) 366-3560

Henry D. Coleman

Name

32,559

Reg. No.

July 1, 2005

Date